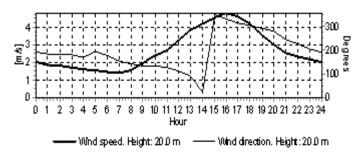
## Richfield

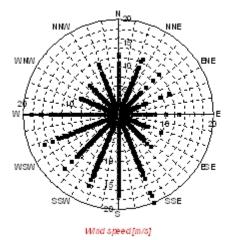
## 1. Rose Graph

This graph illustrates the relative frequencies for which the wind blows at certain speeds in certain directions. The wind directions are highly varied at the Richfield site; however, the stronger winds blow more frequently from the west and the southwest.

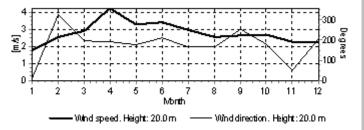
## 2. Diurnal Graph



Similarly, this graph shows the average wind speed for each month of data collected by the anemometer (beginning in January).



average wind speed measured at each time of day in m/s, where Hour 0 corresponds to midnight. Note the increased wind speed in the late afternoon and early evening.



## 3. Windpro Data

Monthly Mean Value of Wind Speed									
Month	2	2002		2003		2004		Mean o	f month
	M/s	Mph	M/s	Mph	M	/s Mpł	ı	M/s	Mph
Jan				1.7	3.8	1.9	4.3	1.8	4.0
Feb				2.7	6.0	2.4	5.4	2.6	5.8
Mar				3.7	8.3	2.8	6.3	2.9	6.5
Apr				4.4	9.8	3.4	7.6	3.9	8.7
May				3.3	7.4			3.3	7.4
Jun				3.4	7.6			3.4	7.6
Jul				2.9	6.5			2.9	6.5
Aug				2.6	5.8			2.6	5.8
Sep				2.6	5.8			2.6	5.8
Oct				2.7	6.0			2.7	6.0
Nov	2	2.2	4.9	2.3	5.1			2.2	4.9
Dec	2	2.2	4.9	2.3	5.1			2.2	4.9
Mean, all data	2	2.2	4.9	2.8	6.3	2.4	5.4		
Mean of months	2	2.2	4.9	2.8	6.3	2.6	5.8	2.8	6.3